

Campbell County School District Elementary Technology Curriculum

Based on ISTE NETS Standards for Students

1. Creativity and Innovation: Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology

2. Communication and Collaboration: Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.

Performance Indicators

By Grade 2, the student will be able to:

- Illustrate and communicate original ideas and stories using digital tools and media-rich resources (i.e. graphics, edited text, and sound).
- In a collaborative work group, use a variety of technologies to produce a digital presentation or product in a curriculum area.
- Use resources and graphic organizers to explore and depict content.

By Grade 5 and 6, the student will be able to:

- Create an appropriately complex, media-rich presentation.
- Use a variety of media and formats to create and edit products that communicate information and ideas to various audiences.

3. Research and Information Fluency: Students apply digital tools to gather, evaluate, and use information.

4. Critical Thinking, Problem-Solving & Decision-Making: Students use critical thinking skills to plan and conduct research, manage projects, solve problems and make informed decisions using appropriate digital tools and resources.

Performance Indicators

By Grade 2, the student will be able to:

- Recognize the computer as a resource for finding and clarifying information.
- Plan, implement and evaluate a developmentally appropriate research project, using the Internet, with assistance.
- Communicate about technology using developmentally appropriate and accurate terminology.

By Grade 5, the student will begin to:

- Apply critical thinking skills to manage and solve problems.
- Locate, organize, and ethically use appropriate information from a variety of sources and media.
 - Explore electronic resources using keywords and simple Boolean search strategies
 - Use graphic organizers
 - Cite sources
- Communicate about technology using developmentally appropriate and accurate terminology.

By Grade 6, the student will be able to:

- Apply critical thinking skills to manage and solve problems.
- Locate, organize, analyze, evaluate, and ethically use appropriate information from a variety of sources and media.
 - Explore electronic resources using keywords and Boolean search strategies
 - Use graphic organizers
 - Cite sources
- Communicate about technology using developmentally appropriate and accurate terminology.

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5. Digital Citizenship Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.

Performance Indicators

By Grade 2, the student will be able to:

- Demonstrate appropriate care and use of equipment.
- Demonstrate respect for other users while using the computer.
- Develop positive attitudes towards technology uses that support lifelong learning, collaboration and productivity.
- Understand the need to practice safe, legal, and responsible use of information and technology.

By Grade 5 and 6, the student will be able to:

- Discuss the importance of citing sources.
- Use the Internet responsibly as stated in CCSD's Acceptable Use Policy.
- Practice Internet safety and etiquette.
- Exhibit leadership for digital citizenship.

6. Technology Operations and Concept: Students demonstrate a sound understanding of technology concepts, systems and operations (i.e. word processing, spreadsheets, graphing, keyboarding).

Performance Indicators

By Grade 2, the student will be able to:

- Demonstrate knowledge of keyboarding position and technique to type complete sentences (including shift for capital letters, space bar for spacing, and punctuation keys).
- Perform grade appropriate computer operations.

By Grade 5, the student will be able to:

- Demonstrate proper keyboarding position and technique to touch-type.
 - Use correct hand and finger placement
 - Increase keyboarding skill to improve speed, maintaining at least 90% accuracy.
- Demonstrate proficiency on the CCSD Word Processing Assessment.
- Demonstrate proficiency of advanced desktop publishing.

By Grade 6, the student will be able to:

- Apply touch-typing techniques to improve speed, maintaining at least 90% accuracy.
- Demonstrate proficiency of spreadsheets by successfully completing the CCSD Spreadsheet Assessment.